

### III. REMARKS

Claims 1-14 are pending in this application. Applicant does not acquiesce in the correctness of the rejections and reserves the right to present specific arguments regarding any rejected claims not specifically addressed. Further, Applicant reserves the right to pursue the full scope of the subject matter of the original claims in a subsequent patent application that claims priority to the instant application. Reconsideration in view of the following remarks is respectfully requested.

In the Office Action, claims 1-14 are rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Montulli (U.S. Patent No. 6,134,592), hereafter "Montulli" in view of "Assessing the Security of Your Web Applications" by Gaur, hereafter "Gaur" in view of "Secure Cookies on the Web" by Park *et al.*, hereafter "Park" and in view of Applied Cryptography, Second Edition, by Schneier, hereafter "Schneier." Claims 1, 2, 4, 5, 7 and 11 are rejected under the judicially created doctrine of obviousness type double patenting as allegedly being unpatentable over claim 2 of White *et al.* (U.S. Patent No. 6,065,117) hereafter "White" in view of Park and Schneier.

#### A. REJECTION OF CLAIMS 1-14 UNDER 35 U.S.C. §103(a)

With regard to the Office's 35 U.S.C. §103(a) rejection, Applicant asserts that there is no motivation or suggestion to combine the cited references. Specifically, with respect to independent claims 1, 7, 11 and 14, Park's failure to teach or suggest a single encrypted state object eliminates the motivation to use the Park reference to combine the cookies of Montulli with the applied cryptography of Schneier. In Applicant's response dated September 28, 2004,

Applicant argued that the public-key-based solution of Park cannot be used to bridge the transferring of state information of Montulli and the public / private key encryption of Schneier because Park never teaches encrypting a single cookie. In response, the Office attempts to argue that "...this data being sent [in multiple cookies] can be viewed as a single state object." Final Office Action, page 2, number 5. This logic is flawed as applied to the present invention because the present invention states that "...cookies or tokens are types of information containing objects referred to herein as 'state objects'" and refers to "a state object called a 'cookie'." Spec. page 2, lines 4-9. As such a single state object is a single information-containing object such as a single cookie or token. Thus, a single state object as defined in the present invention does not include multiple cookies. In addition, the Office argues that "...the [multiple] cookies [in Park]...are used as an example and are not required." Final Office Action, page 2, number 5. However, nowhere does Park disclose that its process may be accomplished using a single cookie. The present invention, in contrast, includes "...creating a single state object containing post-action state information," and "...encrypting said state object using said private key." Claim 1. As such, the encryption, as included in the present invention, is performed on a single state object / cookie, not a secure cookie set as in Park. Thus, even assuming *arguendo*, Montulli teaches the single state object as argued by the Office and Schneier teaches the private key as argued by the Office, there is no motivation or suggestion to use Park to combine Montulli with Schneier because Park does not teach or suggest a single encrypted cookie, and there is therefore no need to use public / private key encryption with a cookie. Accordingly, Applicant respectfully requests that the Office withdraw its rejection.

With further respect to the Office's 35 U.S.C. §103(a) rejection, Applicant asserts that the combined features of the cited art fail to teach each and every feature of the claimed invention. As stated above, Park fails to teach or suggest creating a single state object containing post-action state information and encrypting said state object using said private key. Specifically, as indicated above, the present invention refers to "a state object called a 'cookie'." Spec. page 2, lines 4-9. As such a single state object is a single information-containing object such as a single cookie or token. Thus, a single state object as defined in the present invention does not include multiple cookies. In contrast, Park fails to disclose that its process may be accomplished using a single cookie. Since this deficiency is not remedied by either Montulli or Schneier, Applicant requests withdrawal of the rejection.

With regard to the Office's other arguments regarding dependent claims, Applicant herein incorporates the arguments presented above with respect to independent claims listed above. In addition, Applicant submits that all dependant claims are allowable based on their own distinct features. However, for brevity, Applicant will forego addressing each of these rejections individually, but reserves the right to do so should it become necessary. Accordingly, Applicant respectfully requests that the Office withdraw its rejection.

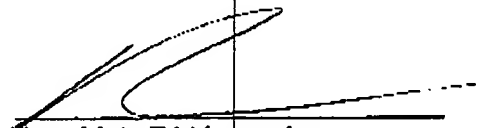
#### **B. REJECTION OF CLAIMS 1, 2, 4, 5-7 and 11 UNDER OBVIOUSNESS TYPE DOUBLE PATENTING**

Claims 1, 2, 4, 5-7 and 11 are rejected under the judicially created doctrine of obviousness-type double patenting over claim 2 of U.S. Patent No. 6,065,117. Applicant respectfully traverses this rejection. However, Applicant will, if necessary, address this in a later paper with, e.g., a terminal disclaimer, upon an indication of allowable subject matter.

#### IV. CONCLUSION

In light of the above, Applicant respectfully submits that all claims are in condition for allowance. Should the Examiner require anything further to place the application in better condition for allowance, the Examiner is invited to contact Applicant's undersigned representative at the number listed below.

Respectfully submitted,



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